

Title (en)

Method for the Preparation of 1-Benzotriazolyl Carbonate Esters of Poly(ethylene glycol)

Title (de)

Verfahren zur Herstellung von 1-Benzotriazolylcarbonatestern von Poly(ethylenglykol)

Title (fr)

Procédé de préparation d'esters de carbonate de 1-benzotriazole de poly(éthylène glycol)

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Application

EP 09154211 A 20001218

Priority

- EP 00986602 A 20001218
- US 17183499 P 19991222

Abstract (en)

[origin: WO0145796A2] The invention provides a method for preparing a 1-benzotriazolylcarbonate ester of a water-soluble and non-peptidic polymer by reacting a terminal hydroxyl group of a water-soluble and non-peptidic polymer with di(1-benzotriazolyl)carbonate in the presence of an amine base and an organic solvent. The polymer backbone can be poly(ethylene glycol). The 1-benzotriazolylcarbonate ester can then be reacted directly with a biologically active agent to form a biologically active polymer conjugate or reacted with an amino acid such as lysine, to form an amino acid derivative.

IPC 8 full level

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Citation (search report)

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